

CLAIMS

What is Claimed is:

1. A computer data synchronization system comprising:
5 a database for storing original computer data;
a server adapted to communicate with a plurality of reception devices; and
a synch application connected to said database, wherein said synch application is adapted to receive synchronization data from a controlling one of said plurality of reception devices, said synch application is further adapted to provide a portion of said original computer data to said plurality of reception devices, wherein said portion of said original computer data is based upon a
10 synchronized portion of said original computer data that is being displayed on said controlling one of said plurality of reception devices.

15 2. The synchronization system of Claim 1, wherein said synchronization data further comprises pointer icon data, wherein said pointer icon data corresponds to a movable pointer icon operating on said controlling one of said plurality of reception devices.

20 3. The synchronization system of Claim 2, wherein said synch application is further adapted to provide said synchronization data to at least one other one of said plurality of reception devices such that said movable pointer icon is superimposed over said portion of said original computer data.

25 4. The synchronization system of Claim 1, wherein said synch application is further adapted to provide said plurality of reception devices with a synch button, wherein said synch button is adapted to enable a non-controlling one of said plurality of reception devices to become said controlling one of said plurality of reception devices.

5. The synchronization system of Claim 1, wherein said synch application is further adapted to receive annotated data from said controlling one of said plurality of reception devices, wherein said annotated data corresponds to said portion of said original computer data.

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6. The synchronization system of Claim 5, wherein said annotated data is selected from a group of annotated data consisting of text, graphic, program application, hyperlink, audio, and video.

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7. The synchronization system of Claim 5, wherein said synch application is further adapted to provide said controlling one of said plurality of reception devices with a toolbar, wherein said toolbar is adapted to enable said controlling one of said plurality of reception devices to create, edit, and delete said annotated data.

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8. The synchronization system of Claim 5, wherein said synch application is further adapted to provide said annotated data to at least one other one of said plurality of reception devices such that said annotated data is superimposed over said portion of said original computer data.

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9. The synchronization system of Claim 8, wherein said synch application further comprises a language translation application adapted to translate said annotated data into at least one other language.

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10. The synchronization system of Claim 9, wherein said language translation application is further adapted to provide thesaurus information to said controlling one of said plurality of reception devices.

11. The synchronization system of Claim 8, wherein said synch application is further adapted to provide additional annotated data to said at least one other one of said plurality of reception devices, wherein said additional annotated data corresponds to said annotated data and comprises user identification data.

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12. The synchronization system of Claim 8, wherein said annotated data and correspondence data linking said annotated data to said portion of said original computer data is stored in said database such that said annotated data and said portion of said original computer data can be replayed at a later time.

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13. The synchronization system of Claim 12, wherein said synch application further comprises a language translation application adapted to translate said annotated data at approximately the same time said annotated data and said portion of said original computer data are replayed.

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14. The synchronization system of Claim 1, wherein said synch application is further adapted to receive communication data from at least one of said plurality of reception devices after said portion of said original computer data has been provided to said plurality of reception devices.

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15. The synchronization system of Claim 14, wherein said communication data is selected from a group of communication data consisting of text, graphics, program application, hyperlink, audio, and video.

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16. The synchronization system of Claim 14, wherein said synch application is further adapted to provide said communication data to at least one other one of said plurality of reception devices such that said communication data is displayed in a communication window.

17. The synchronization system of Claim 16, wherein said synch application further comprises a language translation application adapted to translate said communication data into at least one other language.

18. The synchronization system of Claim 14, wherein said communication data and correspondence data linking said communication data to said portion of said original computer data is stored in said database such that said communication data and said portion of said original computer data can be replayed at a later time.

19. The synchronization system of Claim 18, wherein said synch application further comprises a language translation application adapted to translate said communication data at approximately the same time said communication data and said portion of said original computer data are replayed.

20. The synchronization system of Claim 8, wherein said synch application further comprises a locking application adapted to link said annotated data to at least one object contained within said portion of said original computer data.

21. The synchronization system of Claim 20, wherein said locking application is further adapted to perform the functions of:

objectify at least one image contained within said portion of said original computer data;

create a set of image parameters corresponding to each one of said at least one image;

objectify said annotated data; and

create a set of annotated parameters corresponding to said annotated data.

22. The synchronization system of Claim 21, wherein said annotated parameters include intersecting image data, surrounding image data, and close-proximity image data.

5 23. A method for synchronizing computer data comprising the steps of:
identifying a plurality of reception devices requesting a synchronization session;

receiving synchronization data from a controlling one of said plurality of reception devices; and

10 providing a portion of original computer data to said plurality of reception devices, wherein said portion of original computer data is based upon a synchronized portion of said original computer data that is being displayed on said controlling one of said plurality of reception devices.

15 24. The method of Claim 23, wherein said step of identifying a plurality of reception devices further comprises receiving session initiation data from a first one of said plurality of reception devices.

20 25. The method of Claim 24, wherein said step of identifying a plurality of reception devices further comprises receiving session joiner data from a second one of said plurality of reception devices.

25 26. The method of Claim 23, wherein said step of receiving synchronization data further comprises receiving pointer icon data, wherein said pointer icon data corresponds to a movable pointer icon operating on said controlling one of said plurality of reception devices.

27. The method of Claim 26, wherein said step of providing said portion of said original computer data further comprises providing said synchronization data to at least one other one of said plurality of reception devices such that said movable pointer icon is superimposed over said original computer data.

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28. The method of Claim 23, wherein said step of receiving synchronization data further comprises receiving synch button data from a non-controlling one of said plurality of reception devices, wherein said synch button data is adapted to enable a non-controlling one of said plurality of reception devices to become said controlling one of said plurality of reception devices.

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29. The method of Claim 23, wherein said step of receiving synchronization data further comprises receiving annotated data from said controlling one of said plurality of reception devices, wherein said annotated data corresponds to said portion of said original computer data.

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30. The method of Claim 29, wherein said step of receiving annotated data further comprises selecting said annotated data from a group of annotated data consisting of text, graphics, program application, hyperlink, audio, and video.

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31. The method of Claim 29, wherein said step of providing said portion of original computer data further comprises providing a toolbar adapted to enable said controlling one of said plurality of reception devices to create, edit, and delete said annotated data.

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32. The method of Claim 29, wherein said step of providing said portion of original computer data further comprises providing said annotated data to at least one other one of said plurality of reception devices such that said annotated data is superimposed over said portion of said original computer data.

33. The method of Claim 32, further comprising the step of translating said annotated data into at least one other language before said annotated data is provided to said at least one other one of said plurality of reception devices.

5 34. The method of Claim 33, wherein said step of providing said annotated data further comprises providing additional annotated data to said at least one other one of said plurality of reception devices, wherein said additional annotated corresponds to said annotated data and comprises user identification data.

10 35. The method of Claim 29, further comprising the step of storing said annotated data and correspondence data linking said annotated data to said portion of original computer data such that said annotated data and said portion of original computer data can be replayed at a later time.

15 36. The method of Claim 29, further comprising the step of translating said annotated into at least one other language at approximately the same time said annotated data and said portion of original computer data are replayed.

20 37. The method of Claim 23, wherein said step of receiving synchronization data further comprises receiving communication data from at least one of said plurality of reception devices after said portion of original computer data has been provided to said plurality of reception devices.

25 38. The method of Claim 37, wherein said step of receiving communication data further comprises selecting said communication data from a group of communication data consisting of text, graphics, program application, hyperlink, audio, and video.

39. The method of Claim 37, wherein said step of providing said original computer data further comprises providing said communication data to at least one other one of said plurality of reception devices such that said communication data is displayed in a communication window.

40. The method of Claim 37, further comprising the step of storing said communication data and correspondence data linking said communication data to said portion of original computer data such that said communication data and said portion of original computer data can be replayed at a later time.

41. The method of Claim 23, wherein said step of receiving synchronization data further comprises receiving supplemental communication data from at least one of said plurality of reception devices, wherein said supplemental communication data is transmitted via a transmission protocol that is different from the TCP/IP Internet protocol used to transmit data over the Internet.

42. The method of Claim 41, wherein said step of providing said original computer data further comprises providing said supplemental communication data to at least one other one of said plurality of reception devices.

43. The method of Claim 41, further comprising the step of storing said supplemental communication data and correspondence data linking said supplemental communication data to said original computer data such that said supplemental communication data and said original computer data can be replayed at a later time.

44. The method of Claim 29, further comprising the steps of:
objectifying at least one image contained within said original computer
data;

5 creating a set of image parameters corresponding to each one of said at
least one image;

objectifying said annotated data; and

creating a set of annotated parameters corresponding to said annotated
data.

10 45. The method of Claim 44, wherein said annotated parameters include
intersecting image data, surrounding image data, and close-proximity image data.